

Converting Colors

Android(4281092968)

Have a look what the booklet for
Android(4281092968) contains.

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Color

Android(4281092968)

Conversions

Conversions Part 1

Format	Color
Hex	2C4B68
RGB	44, 75, 104
RGB Percent	17%, 29%, 41%
CMY	0.8275, 0.7059, 0.5922
CMYK	0.58, 0.28, 0.00, 0.59
HSL	209°, 41%, 29%
HSV	209°, 58%, 41%
XYZ	6.0535, 6.5671, 14.0452
YIQ	69.0370, -27.7850, 2.4470

Conversions

Conversions Part 2

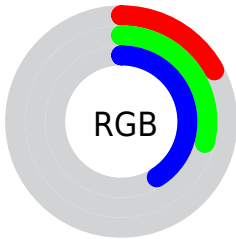
Format	Color
RYB	44, 64, 104
Decimal	2902888
CIELab	30.80, -2.05, -20.36
CIElCh	31, 20.466, 264.252
Yxy	6.5671, 0.2270, 0.2463
Android (android.graphics.Color)	4281092968 (0xFF2C4B68)
YUV	69.0370, 17.2368, -21.9574
Hunter-Lab	25.6264, -2.6808, -14.5571

Details

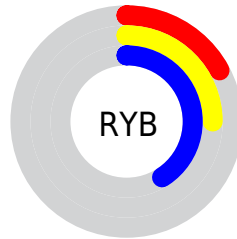
The Android color **4281092968** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4285024556**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4284447899**, and **4278198073** is the 20% darker color. If you saturate the color by 10%, you get **4280436328**, and if you desaturate by 10%, it is **4281749608**.

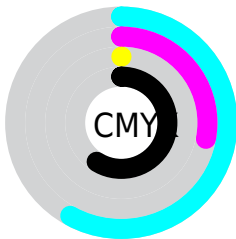
Distribution



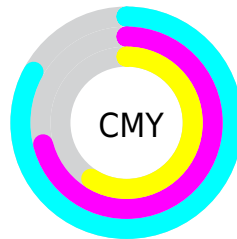
- Red (17%)
- Green (29%)
- Blue (41%)



- Red (17%)
- Yellow (25%)
- Blue (41%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (59%)



- Cyan (83%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281092968 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4281092968 by changing the saturation by 10% instead.

■ 4281092968

■ 4281092968

4294967295

■ 4279317584

■ 4284447899

■ 4278198073

■ 4286092726

■ 4278191907

■ 4287869138

■ 4278190091

■ 4289645550

■ 4278190080

■ 4291487999

■ 4293394431

■ 4281092968

■ 4281092968

■ 4280436328

■ 4281749608

■ 4279714152

■ 4282471784

■ 4279057512

■ 4283128424

■ 4278335336

■ 4283850600

■ 4278204008

■ 4284507240

■ 4285163880

■ 4285886056

■ 4286542696

■ 4287264872

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4279193442



4281092968



4282795366

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281092968



4285021500



4281552693

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4281092968



4285024556

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282796843



4281092968



4284629295

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281092968



4284824652



4283844137



4280176965

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4281092968



4283712095



4283844137



4282011185

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4281092968



4285561991



4281100361



4281810501



4291085508



4282729797

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281092968



4280965767



4281085288



4281217331



4278205299



4278222322

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4285017163



4287048282



4285032236



4281544241



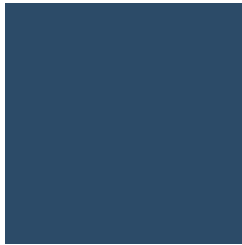
4285726779



4294049917

Previews

White Background



This preview shows how the Android color 4281092968 looks on a white background.

Color Contrast Check

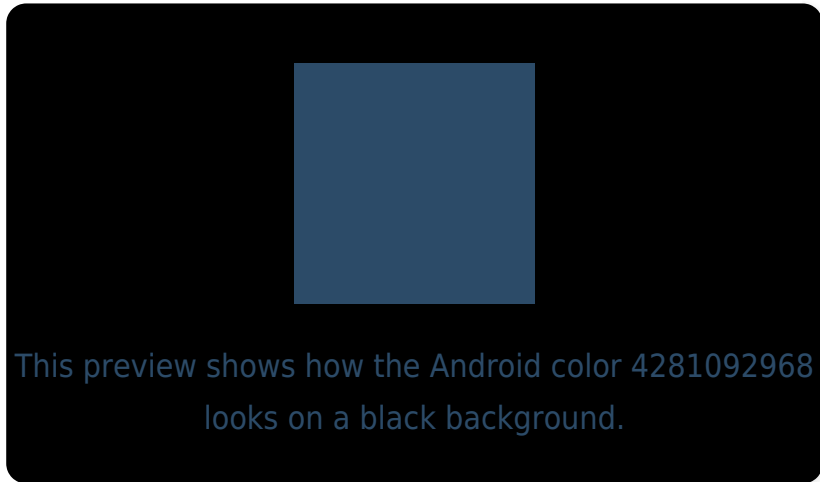
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

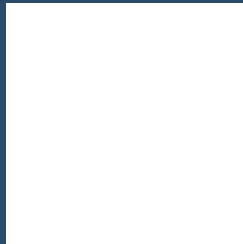
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281092968 Background



This preview shows how black text looks on a background with the Android color 4281092968.

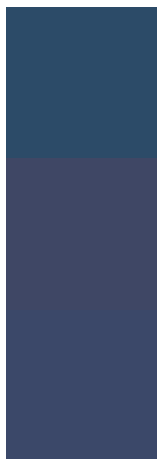


This preview shows how white text looks on a background with the Android color 4281092968.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4281092968

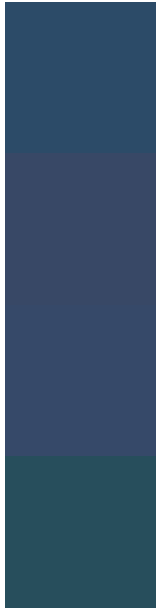
Protanopia

4282337125

Deuteranopia

4282075241

Trichromacy



Original Color
4281092968

Protanomaly
4281878630

Deuteranomaly
4281747817

Tritanomaly
4280766044

Monochromacy



Original Color
4281092968

Achromatopsia
4282729797

Achromatomaly
4282140498

CSS Examples

Text

The CSS property to change the color of the text to Android 4281092968 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(44, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(44, 75, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(44, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 75, 104) }
```

Border

The CSS property to change the border of an element to Android 4281092968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(44, 75, 104) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(44, 75, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(44, 75, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(44, 75,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4281092968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 75, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(44, 75,  
104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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